



EDUCATION

NHMFL Welcomes Summer Interns and Teachers

The 11th class of REU students (Research Experiences for Undergraduates) and the 5th group of RET educators (Research Experiences for Teachers) are now actively engaged in their summer internships at the NHMFL. We are pleased to introduce the 20 students and 16 teachers to our user community, and to thank the mentors who are essential to the longevity, strength, and success of the both programs. NHMFL mentors—dedicated volunteers who contribute significant time and sometimes resources—represent LANL and UF, and the Magnet Science & Technology, Geochemistry, NMR, and Condensed Matter Theory/Experiment programs in Tallahassee.

Both the REU and RET programs have features that promote communication among the students, between students and teachers, and with resident NHMFL faculty and staff. Each week, students and teachers attend seminars conducted by scientists, who provide insights to scientific activities outside of the students' and teachers' assigned research laboratories. In addition, there is a joint colloquium during which teachers and students discuss mutual successes and challenges in their research experiences. Teachers work with students both in the laboratories and



2003 Research Experience for Teachers

| Teacher | School | City* | Mentor |
|------------------|---|-------------------|------------------------------|
| Kenneth Bowles | Apopka High School | Altamonte Springs | Justin Schwartz |
| Logan Chalfant | Gateway High School | Kissimmee | Yusuf Hascicek |
| Dani Dulin | Canopy Oaks Elementary | Tallahassee | Arneil Reyes & Phil Kuhns |
| Susan Goracke | Ruediger Elementary School | Tallahassee | Robert Goddard |
| Kristen Green | Pre-service | Tallahassee | Vincent Salters & Leroy Odom |
| Jennifer Haid | Fairview Middle School | Tallahassee | Yan Xin |
| Mark Johnson | Lake Weir High School | Ocala | Eric Palm |
| Robert Krouch | Winston Park Elementary School | Margate | Michael Davidson |
| Pamela Mawson | West Port High School | Ocala | Arneil Reyes & Phil Kuhns |
| JoAnne McBrearty | Hawks Rise Elementary School | Tallahassee | Yan Xin |
| Brian McClain | Amos P. Godby High School | Tallahassee | Justin Schwartz |
| Jessica Peddie | Pre-service | Hosford | Robert Goddard |
| Vana Richards | Kenneth J. Carberry Intermediate School | Emmett, Idaho | Yusuf Hascicek |
| Farrell Rogers | Marshall Middle School | Lakeland | Michael Davidson |
| Carol Smith | Odyssey Charter School | Palm Bay | Eric Palm |
| Kimberlain Zenon | Braden River Middle School | Bradenton | Vincent Salters & Leroy Odom |

* All cities are in Florida, except for Emmett, which is in Idaho (see Vana Richards).

outside the NHMFL, and social events foster exchanges and understanding. The interaction between these groups is essential to the success of the programs and has been consistently identified by students and by teachers as important to the overall success of their experience.

2003 Research Experiences for Undergraduates

| Student | School | Site | Mentor |
|--------------------|-------------------------------------|-------------|-----------------|
| James Adler | Cornell University | Tallahassee | Ke Han |
| Christine Amwake | Florida State University | Tallahassee | William Brey |
| Mercedes Castañeda | University of Puerto Rico, Mayagüez | Tallahassee | James Brooks |
| John Challis | University of Kentucky | Tallahassee | Dragana Popovic |
| David Elam Jr. | University of Florida | UF | Mark Miesel |
| Nathaniel Falconer | Florida A&M University | Tallahassee | William Brey |
| Melinda Graham | Florida State University | Tallahassee | Leroy Odom |
| Jacob Grimes | Southwest Texas State University | Tallahassee | Stanley Tozer |
| Alison Hatt | University of Utah | LANL | Alex Lacerda |
| Shawna Hollen | Occidental College | LANL | Alex Lacerda |
| Cassandra Jackson | Florida A&M University | LANL | Alex Lacerda |
| William Keim | Cornell University | LANL | Alex Lacerda |
| Meryl McDowell | University of Oklahoma | Tallahassee | Leroy Odom |
| Evelyn Mervine | Dartmouth College | Tallahassee | Leroy Odom |
| Timothy Noble | Boston College | Tallahassee | Justin Schwartz |
| Manuel Ramos | University of Texas at El Paso | Tallahassee | Justin Schwartz |
| Lee Sears | Dartmouth College | Tallahassee | Justin Schwartz |
| Jonathan Shanks | Michigan State University | Tallahassee | Ke Han |
| David Siegel | Cornell University | Tallahassee | Stanley Tozer |
| Alexander Vitkalov | Cornell University | Tallahassee | Dragana Popovic |

For further information about the NHMFL Center for Integrating Research and Learning, contact the program director, Dr. Pat Dixon, pdixon@magnet.fsu.edu, 850-644-4707.